130

QC

130

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

									DQA:	Date:	
NCR:	Yes / N	ס			WORK ORDER NON-C	ONFOR	MANCE / UP	DATE			
					1				QA Closed:	Date:	
Work Orde	or.				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part N	No				Rework Scrap Use-as-is Work Order Update	4 1 .	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	-1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved											
					F	AULT CATE	GORY				
Landir	ng Gear Bendir	•			General Bend	Grain			Ovalized		Pressure/Forced
	Cracks	Not Conce		D/S	BOM/Route Broken/Damaged		tion Incomplete	_	Over/Under Part Incorre	ct	Temperature/Cure Weld
·	Crushe Cuffs	d/Crimped	-		Burrs Contamination	_	tions Incomplete/ enance	Unclear	Part Lost/Mi Part Moved		Wrong Stock Pulled
	Heat T		. 		Countersink	Mislab	eled		Positioned V	Vrong	Jan
		ion Strip ir in Bend	rube		Cut Too Short Drill Holes	Misrea Offset	a		Power Loss/	Surge	Other

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID 92558 *92558* Page 2 November-01-12 1:23:39 PM Accept Item ID: 646.9701 *N900040100* Setup Start **Revision ID:** Stop Cutter Sub Assembly Item Name: 11/02/12 Start Oty: 2.00 **Start Date: Cust Item ID:** Required Date: 11/12/12 Req'd Qty: 2.00 **Customer:** Reference: Run Start **Approvals:** Process Plan: Date: **Tooling:** Date: Stop SPC (Y/N): QC: Date: Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description Code Qty **Qty** Number Stamp **Run Hours** Identify as per dwg & Stock Location: 0.00 140 7 *140* 13-4-23 0.00 Packaging Memo Packaging 150 QC21- Final Inspection - Work Order Release 0.00 *150*

0.00

Memo

Quality Control

13-4-24

												DQA:	Da	ne.	
NCR:	Yes	/ No				WORK ORDER NON-C	CO	NFORM	MANCE / UPE	DATE	0.4	• 61			
											QΑ	A Closed:	Da	te:	
Work Ord	er:					DISPOSITION				AGAINST DI	PA	RTMENT/	PROCESS		
Part NCR						Rework Scrap Use-as-is Work Order Update		f Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite			Water Jet d. Eng. Coor. e/Packaging Supplier		Engineering Quality Other
Root					Descri	ption of work order update		Initial	Act	ion		Sign &			
Cause		Date	Step	Qty	ر.	or Non-conformance	Ch	nief Eng	Descr	iption		Date	Verification	n	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved															
	_						AUI	LT CATE	GORY						
Landi	$\overline{}$	3			_	General	_	7		,	_				1
	-	Bending	A Cana		o (c	Bend BOM/Route	_	Grain		<u> </u>	-1	/alized	* - 1 - <i></i>	-	Pressure/Forced
	\vdash	Centre No Cracks	ot Concer	זנרוכ נס	^{U/3}	Broken/Damaged		Hardwa		<u></u>	-	/er/Under		\vdash	Temperature/Cure Weld
	\vdash	ł	Crimpod		-	1		1	on Incomplete	In alcor	-1	rt Incorrec		\vdash	1
	┢	Crushed/0 Cuffs	crimpea.			Burrs	-	1	ions Incomplete/U	inclear		rt Lost/Mi	Suig	L	Wrong Stock Pulled
	\vdash	i			ļ	Contamination	-	Mainte		<u> </u>	-1	rt Moved	1		
	├—	Heat Trea			<u> </u>	Countersink	<u> </u>	Mislabe		ļ	-	sitioned W	_	_	1
	1	Inspection	n Strip in	Tube		Cut Too Short	1	Misread			Po	wer Loss/S	Surge	1	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

November-01-12 1:23:38 PM

Work Order ID:

92558

Parent Item:

646.9701

Parent Item Name:

Cutter Sub Assembly

Start Date: 11/02/12

Required Date: 11/12/12

Page 1

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.9710 Body		Manufactured	No	917	90	110	Each	0.0000	1	2	z <i>≸</i>	6 13	-4-22
646.9711 Blade		Manufactured	No	908		110	Each	0.0000	2	4	4 50	1 3.	-Y-2Z
MS21042L08 Nut		Purchased	. No	-100	, – (110	Each	1,168.0000	6	12			
					3 900 2452	<u>Loc Oty</u> 9 9		c Code		12	A	13-4	1-22
				ST315 122 ST317	2814	500 500 659							
					2141	659							
MS27039-08-19 Screw		Purchased	No			110	Each	700.0000	6	12		~ .	
				123 ST308	24859 3525 3352	Loc Oty 100 100 600 600		c Code		12 	. 16	13 -Y	-27
NAS1149FN832P Washer		Purchased	No	1.1		110	Each	923.0000	12	24			
				122 ST275 11: ST294	3900 2441 5158 3352 3522	Loc Oty 198 198 125 125 600 200 400		c Code		24	' Æ	(3-	4-22

			•						DQA:	Date	
NCR: Y	res / No				WORK ORDER NON-C	ONFOR	MANCE / UPD	ATE			
					<u> </u>				QA Closed:	Date	
Work Orde	ar.				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part N	No				Rework Scrap Use-as-is Work Order Update		Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Actio	on	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Descrip	otion	Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling		l									
Operator											
Material											
Setup											
Other [
Process		i		:							
Supplier		i									
Training											
Unapproved											
					F <i>I</i>	AULT CATE	GORY				
Landir	ng Gear				General			-	,	_	- 1
	Bending				Bend	Grain			Ovalized		Pressure/Forced
	Centre N	ot Concer	ntric to	o/s	BOM/Route	Hardwa	ire		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	Inspect	ion Incomplete		Part Incorre	ct _	Weld
l	Crushed/	Crimped.			Burrs	Instruct	ions Incomplete/Un	nclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs				Contamination	Mainte	enance		Part Moved		
	Heat Trea	at			Countersink	Mislabe	eled		Positioned V	Vrong	_
	Inspectio	n Strip in	Tube		Cut Too Short	Misrea	i		Power Loss/	Surge	Other
	Ripples in	Bend			Drill Holes	Offset		<u></u>	_		

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

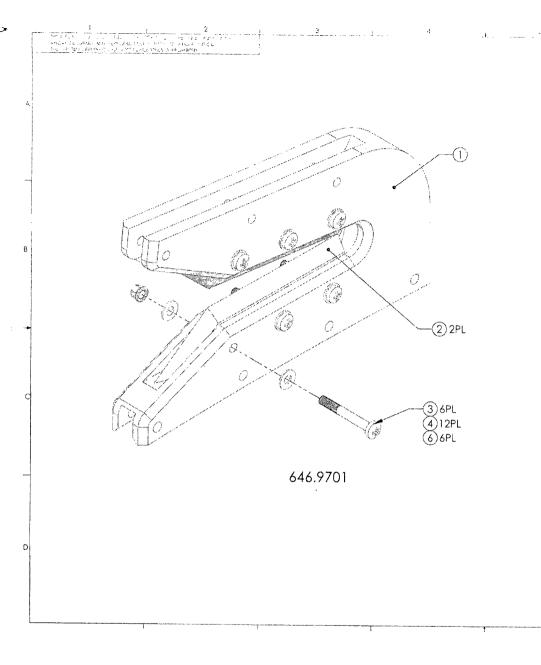
Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

	`				······································	***************************************	E NOTIC _L		0274	14	SHEET 1 OF	1
1 /	7	PICAL	DW	<u>/G N</u>		16,9700	REV:N/C	PREPARED BY	S.HUFF	DATE	01/07/10 EFFECT ON INC. INC. INC.	DWG NINC.
INI)U	STRIES, INC.	DW	<u>/G]</u>	ITLE	-		TER S	UB ASSY	7		
				DVED 1	- Confirm	3.00	MEG + CLYV	ul Ger	- OC	Mulle	Frgu EFF: NEXT ORDER	
A-	AD	ACTION CODES (TC): D C-CREATE VISE D-DELETE	RE	102A 	V: RE&/I\$E	ED SCREW	LENGTH, CH	HANNEĽ V	IG & SHTÙÌV	MÉNSIÓNIN	G SCHEME SHEET 5.	***************************************
2	HE	ET 2, ZONE CO	5, IS	<u>.</u>		<u>SI</u>	HEET 5, ZON	NE C2, IS	<u>S</u> :		7-(IS)	
	(I	352±.005 6	> -	875-	A 3 X 450° TYP.	9 .177 37. -250 -35 SECTION B-B	5.	-1200 -(4.500) -(1500)	.702	.691 .750 985 .690 - R.750	SHOP COPY RETURN TO PNGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. 92558MC	ສ
3 1	R	601.3157		12	SCREW		7		M	S27039-0818		
				.9701								
F/N T	С	PART NUMBER	QT	ΓΥ	DESCRIF	PTION .				MATERIAL	/SPECIFICATION	
DOCU	ME	NTS EFFECTED:		MDL	□ INSTAL	L INSTRUC	⊠ ICA □	FMS 🖾 B(CHANGE CA	ATEGORY I MINOR	DER REVIEW REQUIRED O YES Ø NO	



NOTES:

MATERIAL: ALUMINUM 7075-1651 PER AMS-QQ-A-250/12

FINISH. HARD ANODIZE IAW MIL-A-8625 TYPE III. CLASS 2, COLOR BLACK:
CARDINAL 4860-50 PRETREATMENT PRIMER PRIME IAW MIL-P-23377 J TYPE I CLASS N; I-2 MIL MAX

MATERIAL: AISI A2 TOOL STEEL
CONDITION: ANNEALED
POST PROCESS: HEAT TREAT TO 58-62 RC ROCKWELL HARDNESS

FINISH: PRIME IAW MIL-P-23377 J TYPE I CLASS N: 1-2 MIL MAX

5. DEBURR AND BREAK ALL SHARP EDGES EXCEPT WHERE OTHERWISE NOTED

6. IDENTIFY IAW MPP-120

APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 UPON ASSEMBLY

& CUTTING EDGE INTENDED TO BE SHARP, DO NOT BREAK SHARP EDGE

UNINCORPORATED ECN(s)

02744.

			- 100	HESS OFFERNOE SPECIE MERICONS API TO FICHE SERVICES AFT	Cu	TTER SUB ASS	Y
	646,5	600	15%	COLOR OF BEST	2608 TEMPLE F OCEANSIDE. C	EIGHIS DR. CA. 92056-3512 - 77	60)724-530
t	IEXT A	\S5Y (S	1 124	KSTIGLOSIS CHIA-YPI 05-21-07 AWITET CHECTER	APICA	L INDUSTI	RIES
	QTY		,		PARTS LIST	,	
		475	FIND	# PART#	DESCRIPTION	MATI	SPEC.
		$\geq \leq$		546.9701	CUITER SUB ASSY		
				646.9710	BODY		<u>A</u>
		2	2	646,9711	BLADE	A.	A
	L	- 5	3	501.2765	SCREW	2.552793943819	
		12	4	601,2764	WASHER	18255 1 Furbets#229P	
	<u> </u>	A/R	S	601.2045	RTV. LOCTITE 598		
	<u> </u>	6	- 5	601,1541	LOCENUI	#A\$319426/8	

